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NOTICE OF ALLOWANCE AND FEE(S) DUE

23280

7590

07/18/2008

Davidson, Davidson & Kappel, LLC 485 7th Avenue 14th Floor New York, NY 10018 EXAMINER

HANSEN, JONATHAN M

ART UNIT PAPER NUMBER

2886

DATE MAILED: 07/18/2008

APPLICATION NO. FILIN		FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	10/573.696	03/27/2006	Volker Leimbach	5005.1110	7119

TITLE OF INVENTION: 4PI MICROSCOPE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	10/20/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

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485 7th Avenue 14th Floor		LLC		I her State addre trans	eby certify that thi es Postal Service w essed to the Mail emitted to the USPT	s Fee(s ith suf Stop O (57	s) Transmittal is being ficient postage for first ISSUE FEE address a 1) 273-2885, on the da	deposited with the United class mail in an envelope bove, or being facsimile te indicated below.
New York, NY	10018							(Depositor's name)
								(Signature)
								(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVEN	TOR		ATTO:	RNEY DOCKET NO.	CONFIRMATION NO.
10/573,696	03/27/2006	•	Volker Leimbach		-		5005.1110	7119
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nonprovisional	NO	\$1440	\$300		\$0		\$1740	10/20/2008
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HANSEN, JO	NATHAN M	2886	356-497000					
Change of corresponde FR 1.363). Change of corresp Address form PTO/SI "Fee Address" in PTO/SB/47; Rev 03-0 Number is required.	(1) the names of u or agents OR, alter. (2) the name of a s registered attorney	a single firm (having as a member a ey or agent) and the names of up to int attorneys or agents. If no name is						
PLEASE NOTE: Unl recordation as set fort (A) NAME OF ASSIG	less an assignee is ident h in 37 CFR 3.11. Comp GNEE		data will appear on the Ta substitute for filing (B) RESIDENCE: (C	ne pa g an a	atent. If an assigne assignment. and STATE OR Co	OUNT	TRY)	cument has been filed for
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a. The following fee(s): Issue Fee Publication Fee (N Advance Order - 1	 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form). 							
	tus (from status indicated is SMALL ENTITY statu		☐ b. Applicant is no	long	ger claiming SMAL	L ENT	ΓΙΤΥ status. See 37 CF	R 1.27(g)(2).
OTE: The Issue Fee an iterest as shown by the	d Publication Fee (if requeecords of the United Sta	uired) will not be accepted tes Patent and Trademark	d from anyone other the Office.	an th	ne applicant; a regis	tered a	attorney or agent; or the	assignee or other party in
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23280	7590	07/18/2008		EXAM	INER	
Davidson, Davidson & Kappel, LLC				HANSEN, JONATHAN M		
485 7th Avenue		11		ART UNIT	PAPER NUMBER	
14th Floor New York, NY 10018				2886 DATE MAILED: 07/18/200	8	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 142 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 142 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 (571)-272-4200.

	Application No.	Applicant(s)
	10/573,696	LEIMBACH ET AL.
Notice of Allowability	Examiner	Art Unit
	JONATHAN M. HANSEN	2886
The MAILING DATE of this communication apperall claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this a) or other appropriate communication IGHTS. This application is subject	application. If not included on will be mailed in due course. THIS
1. This communication is responsive to <u>07/08/2008</u> .		
2. ☑ The allowed claim(s) is/are <u>1 and 14-28</u> .		
 3. Acknowledgment is made of a claim for foreign priority unanalysis. a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority do 	e been received. e been received in Application No.	
International Bureau (PCT Rule 17.2(a)).		5
* Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be subm	MENT of this application. nitted. Note the attached EXAMINE	R'S AMENDMENT or NOTICE OF
INFORMAL PATENT APPLICATION (PTO-152) which give	. , -	ration is deficient.
5. CORRECTED DRAWINGS (as "replacement sheets") mus		
(a) ☐ including changes required by the Notice of Draftspers	•	O-948) attached
1) hereto or 2) to Paper No./Mail Date	-	Office action of
(b) ☐ including changes required by the attached Examiner' Paper No./Mail Date	s Amendment / Comment or in the	Oπice action of
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t		
 DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT 		
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5. ☐ Notice of Informal	Patent Application
 Notice of References Cited (PTO-092) Dotice of Draftperson's Patent Drawing Review (PTO-948) 	6. ☐ Interview Summa	• •
 Information Disclosure Statements (PTO/SB/08), 	Paper No./Mail D 7. ⊠ Examiner's Amen	oate
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit		ment of Reasons for Allowance
of Biological Material	9.	
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DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Erik Swanson on 07/16/2008.

The application has been amended as follows:

Claim 22 is cancelled.

In claim 23 the recitation of "The 4Pi microscope as recited in claim 22," has been amended to read --The 4pi microscope as recited in claim 1,--.

In claim **24** the recitation of "The 4Pi microscope as recited in claim 22," has been amended to read --The 4pi microscope as recited in claim 1,--.

Application/Control Number: 10/573,696 Page 3

Art Unit: 2886

Response to Amendment

Claim 1 has been amended to include the allowable subject matter as indicated in the

previous Office Action.

Claim 22 has been rewritten in independent form to include the limitations of the claim it

previously depended from.

In view of these amendments, the rejection of claims 1, 14-28 has been withdrawn.

Allowable Subject Matter

Claims 1, 14-21 and 23-28 are allowed.

As to claim 1, the prior art of record, taken alone or in combination, fails to disclose or

render obvious a delay element configured to compensate for phase jumps, the delay element

arranged between the optical element and the reflecting device, in combination with the rest of

the limitations of the claim.

Any comments considered necessary by applicant must be submitted no later than the

payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for

Allowance."

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Art Unit: 2886

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Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to JONATHAN M. HANSEN whose telephone number is

(571)270-1736. The examiner can normally be reached on Monday through Friday 9:30AM to

6:00PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Tarifur Chowdhury can be reached on 571-272-2287. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JMH 07/14/2008

/TARIFUR R CHOWDHURY/

Supervisory Patent Examiner, Art Unit 2886